

FACTORY AND WORKS, YEAR 1947-48

Preliminary estimates of factory production for the year ended 30th June 1948 have now been made available by the Government Statist. (Mr. A. W. Bowden).

GENERAL. For statistical purposes, a "factory" is defined as any factory, workshop or mill employing four hands or more, or less than four where power-driven machinery is used in manufacturing, repairing or assembling.

Preliminary totals indicate that the manufacturing activities in South Australia during 1947-48 were greater than in any previous year. This expansion was a continuation of the post-war recovery attained in 1946-47 following a decline from the 1942-43 war time peak. Fluctuations in prices, however, should be considered when comparing money values.

NUMBER OF FACTORIES. The number of factories was 2,880. This is the greatest number ever recorded and showed an increase of 173 over the previous year 1946-47. The principal increases were in Motor and General Engineering, Clothing and Joinery.

EMPLOYEES. The average number of persons employed over the whole year was 74,429. This is an increase of 3,718 over 1946-47 and easily surpassed the war-time peak record of 72,751 in 1942-43. Male employees numbered 59,109 (record) whilst females at 15,320 showed an increase of 1,348 over 1946-47 but was still 4,638 below the record of 19,958 who were employed during the peak war year 1942-43. The increased number of employees was chiefly confined to the group covering Industrial Metals, Machines & Conveyances.

SALARIES & WAGES. The total amount paid in salaries and wages reached the record figure of £24,871,000 an increase of £4,332,000 on the previous year. Higher rates of wages mainly contributed to the big increase. Male employees received £22,032,000 and females £2,839,000.

MATERIALS AND FUEL. The cost of materials totalled £61,143,000 (Record) an increase of £9,127,000 whilst Fuel &c. was £4,258,000 (Record) against £3,620,000 the previous year. Higher costs and greater quantities of materials used accounted for the increases. The main classes affected were Industrial Metals &c. and Food, Drink, &c.

OUTPUT VALUE. The gross value of output £103,961,000 was easily the highest ever recorded, being £17,258,000 greater than 1946-47. Increases were noted in the following industries. Motor Bodies, Plant & Equipment, Wireless Equipment, Smelting, Metal Pipes & Tubes, Sheet metal working, Paints, Chemical Fertilizers, Flour, Woolscouring & Fellmongery. Higher values and greater quantities of goods manufactured accounted for this big increase.

PRODUCTION VALUE. The value of output, however, does not give a true indication of the value of factory production, primarily because of duplication between industries. A better measure of value of work done in factories is obtained by deducting from the value of output, the cost of raw materials, containers, power, fuel, light, oil, water, tools replaced and repairs to plant. The net result thus obtained represents the value added in the process of manufacture. The value of production for the year 1947-48 was a record. The total £38,560,000 showed an increase of £7,493,000 over 1946-47.

PREMISES & PLANT. The value recorded for Land & Buildings was £20,631,000 against £18,659,000 for the previous year whilst Plant and Machinery totalled £20,565,000 as compared with £18,408,000 for 1946-47. Electricity undertakings mainly contributed to the increases. Estimated values for rented premises and plant have been included in these figures.

PRELIMINARY ESTIMATES SUBJECT TO REVISION

Class of Industry		Cost of Materials Used	Cost of Fuel Light Power	Value of Output	Value of Production (added value)	Value of Land and Buildings	Value of Plant and Machinery
		£000	£000	£000	£000	£000	£000
Treatment of Non-metalliferous	a	684	132	1,450	634	216	670
Mine and Quarry Products.	b	607	114	1,274	553	234	496
Bricks, Pottery, Glass etc.	a	517	154	1,545	874	261	250
	b	404	146	1,281	731	257	232
Chemicals, Dyes, Explosives, Paint	a	4,249	228	6,754	2,277	5,743	2,654
Oil, Grease.	b	3,519	184	5,478	1,775	5,689	2,861
Industrial Metals, Machines, Conveyances.	a	25,232	1,730	45,255	18,293	5,263	5,897
	b	21,480	1,488	36,998	14,030	4,842	5,266
Textile & Textile Goods (not dress).	a	1,362	76	2,691	1,253	498	562
	b	1,262	64	2,387	1,061	463	540
Skins & Leather (not clothing or footwear)	a	4,110	82	5,143	951	295	162
	b	3,023	65	3,987	899	260	141
Clothing (Except Knitted).	a	1,638	40	3,865	2,187	937	367
	b	1,461	33	3,328	1,834	822	288
Food, Drink and Tobacco	a	17,131	592	23,748	6,025	3,877	2,955
	b	15,212	507	20,762	5,049	3,595	2,712
Sawmills, Joinery, Boxes, Cases &c.	a	2,596	42	4,240	1,602	503	349
	b	2,264	38	3,668	1,366	488	344
Furniture of Wood, Bedding &c.	a	1,073	13	1,866	780	296	115
	b	786	11	1,450	653	257	96
Paper, Stationery, Printing, Bookbinding &c.	a	1,282	92	3,042	1,668	824	781
	b	1,132	85	2,704	1,487	777	706
Heat, Light & Power (c)	a	465	1,036	2,733	1,232	1,549	5,613
	b	362	857	2,272	1,053	682	4,596
Other Classes	a	804	41	1,629	784	369	190
	b	504	28	1,108	576	293	130
Total 1947-48		61,143	4,258	103,961	38,560	20,631	20,565
" 1946-47		52,016	3,620	86,703	31,067	18,659	18,408
" 1945-46		37,770	2,851	66,223	25,602	18,447	19,018
" 1944-45		35,285	2,556	65,106	27,265	16,877	17,955
" 1943-44		36,731	2,436	67,578	28,411	17,629	18,415
" 1942-43		36,743	2,471	67,581	28,367	17,474	17,848
" 1938-39		20,309	1,017	35,005	13,679	8,711	9,750

(a) 1947-48 (b) 1946-47 (c) Generation only.

(PRELIMINARY ESTIMATES SUBJECT TO REVISION)

Class of Industry	No of Establishments	Average No. of Persons Employed for whole year (inc. W.P.)		No. of Persons Employed at 15th June (Excl. W.P.)		Salaries & Wages paid (Excluding W.P.)	
		Males	Females	Males	Females	Males	Females
		No.	No.	No	No	£000	£000
Treatment of Non-metalliferous							
Mine and Quarry a	93	1,028	42	980	41	370	18
Products b	85	1,001	44	996	37	314	7
Bricks, Pottery, a	54	1,491	100	1,551	105	538	19
Glass &c. b	54	1,396	87	1,451	91	430	16
Chemicals, Dyes, a	70	2,465	520	2,469	534	975	97
Explosives, Paint, b	67	2,470	483	2,461	499	846	80
Oils, Grease							
Industrial Metals,							
Machines, a	856	32,223	4,005	31,887	3,148	12,510	666
Conveyances b	773	31,013	2,864	30,700	2,880	10,291	537
Textile & Textile							
Goods a	41	1,354	1,228	1,397	1,193	505	316
(not dress) b	41	1,384	1,196	1,346	1,234	392	254
Skins & Leather							
(not clothing a	45	1,223	255	1,209	252	510	50
or footwear) b	45	1,198	288	1,183	255	421	47
Clothing (Ex. a	409	2,038	5,199	1,816	5,218	604	961
Knitted) b	374	1,863	5,075	1,678	5,036	497	806
Food, Drink & a	647	7,809	2,365	7,382	2,329	2,785	437
Tobacco b	646	7,528	2,355	7,176	2,256	2,377	362
Sawmills, Joinery, a	230	2,952	176	2,837	164	953	33
Boxes & Cases &c b	215	2,868	176	2,765	176	795	26
Furniture of a	135	1,523	263	1,429	249	465	48
Wood, Bedding &c b	128	1,490	239	1,387	235	381	38
Paper, Stationery,							
Printing, a	128	2,180	836	2,125	834	827	148
Bookbinding &c. b	122	2,074	868	2,011	855	712	130
Heat, Light & a	44	1,434	11	1,479	10	568	2
Power (c) b	45	1,284	10	1,341	9	422	1
Other Classes a	128	1,389	323	1,330	333	422	54
b	112	1,170	287	1,136	304	316	41
Total 1947-48	2,880	59,109	15,320	57,891	14,410	22,032	2,839
" 1946-47	2,707	56,739	13,972	55,631	13,867	18,194	2,345
" 1945-46	2,395	49,523	13,665	51,851	13,004	14,655	2,115
" 1944-45	2,182	49,056	16,416	46,705	15,773	14,554	2,692
" 1943-44	2,149	50,660	18,909	48,428	17,428	15,500	3,212
" 1942-43	2,134	52,793	19,958	50,540	20,654	16,119	3,127
" 1938-39	2,067	35,406	7,965	32,818	7,797	7,488	682

(a) 1947-48

(b) 1946-47

(c) Generation only

Statistical Office,
ADELAIDE.

22nd December, 1948

A. W. BOWDEN,

GOVERNMENT STATIST.